

ABSTRACT OF THE INVENTION

The present invention comprises a group of related lipid molecules, and methods for their use, that maybe used to treat inflammation and certain inflammation related diseases. The
5 group of related lipid molecules are capable of inhibiting certain enzyme systems including phospholipase A₂, and cyclooxygenase-2. The group of related lipid molecules of the invention may be characterized by specific structural characteristics, or by specific biological activity, including inhibition of the previously listed enzymes.